

Technical data sheet - LÜTZE-SILFLEX® N PVC

PVC control cables · unshielded



Identification	Type	4G1,5
	Part-No.	100431

Use/Area of application

Application	<ul style="list-style-type: none">• Machine and device construction, transport and conveyor technology, heating, climate technology• In dry and moist rooms• As control, measurement and regulation cable for medium operating conditions• For flexible application without compulsory guide
Properties	<ul style="list-style-type: none">• PVC Flame-retardant, self-extinguishing• Largely resistant to oils, greases, acids and alkalis• Silicone free• RoHS-compliant

Technical data

Voltage	U ₀ /U	300/500 V
Nominal voltage	300/500 V	
Test voltage	3000 V	
Insulation resistance	min. 20 MΩ × km	
Temperature range	moving	-5 °C to +70 °C
	fixed	-30 °C to +80 °C
Minimum bending radius	moving	D × 10
	fixed	D × 4
Jacket material	PVC	
Fire performance	Flame-retardant according to VDE 0482 part 265-2, DIN EN 50265-2, IEC 60332-1	

13.11.2013 – Subject to technical modification

Part-No. 100431

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY

Technical data sheet - LÜTZE-SILFLEX® N PVC

Special version	K= cold resistant T= heat resistant	-30 °C to +70 °C 0 °C to +90 °C
Outer-∅	7.4 approx. mm	
Weight	10.7 kg/100 m	
Cu-Index	5.8 kg/100 m	

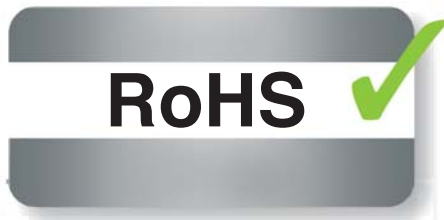
Design

Number of strands/cross-section	4G1.5
Conductor structure	Bare copper braid, fine stranded according to DIN VDE 0295 class 5, IEC 60228 class 5
Conductor insulation	Special PVC conductor insulation
Conductor labelling	Conductors black with white number print according to DIN EN 50334
Ground conductor	green/yellow according to DIN EN 50334 in the top layer
Stranding	Conductors stranded layers
Outer jacket	Jacket special PVC TM2 according to HD21.1, matt, adhesion-free surface
Jacket colour	grey RAL 7001

General

Note	CE These products are in conformity with the EU Low Voltage Directive 2006/95/EC
------	--

Logo



13.11.2013 – Subject to technical modification

Part-No. 100431

USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



SYSTEMATIC TECHNOLOGY